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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------------------|-----------------------------|
| 10/643,029 | 08/18/2003 | Christopher D. Smith | 555255012441 | 3221 |
| 89441 | 7590 | 09/28/2011 | | |
| Jones Day (RIM) - 2N North Point 901 Lakeside Avenue Cleveland, OH 44114 | | | EXAMINER DARNO, PATRICK A | |
| | | | ART UNIT 2158 | PAPER NUMBER |
| | | | NOTIFICATION DATE 09/28/2011 | DELIVERY MODE ELECTRONIC |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

dlpejeau@jonesday.com
portfolioprossecution@rim.com

| | | | |
|-------------------------------|------------------------|-----------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 10/643,029 | SMITH, CHRISTOPHER D. | |
| | Examiner | Art Unit | |
| | PATRICK DARNO | 2158 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's communication received 04/14/2011.

2. ☒ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-17 and 54-85.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

| | |
|---|--|
| /Patrick A. Darno/ Examiner, Art Unit 2158 09-22-2011 | /Mohammad Ali/ Supervisory Patent Examiner, Art Unit 2158 |
|---|--|

DETAILED ACTION

1. Claims 18-53 have been canceled. Claim 85 is new. Claims 1-17 and 54-85 are allowed over the prior art of record.

Allowable Subject Matter

2. The following is an Examiner's statement of reasons for allowance: After further consideration of the prior art of record, the Examiner has concluded that the prior art of record fails to teach and/or suggest each and every limitation of independent claims 1, 54, 61, 66, and 67

Specifically, the prior art fails to teach and/or suggest "...a provisioning system operable to electronically receive the single, hierarchical provisioning request message from the external system and transmit information in the hierarchical provisioning request message to each of the plurality of service providers identified in the hierarchical provisioning request to trigger the provisioning events, wherein the provisioning system is separate from the external system and the plurality of service providers; the hierarchical provisioning request message being a format-independent electronic message capable of being constructed by and interpreted by a plurality of different external systems, the hierarchical provisioning request message having a data structure that includes information identifying the entity to which the plurality of provisioning events pertain, wherein the identifying information includes one or more attributes defined by the external system, wherein the hierarchical provisioning request message further includes a provisioning event data structure associated with each of the plurality of provisioning events requested for the entity, wherein the provisioning event data structure

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identifies a service provider associated with a provisioning event requested for the entity..."

The preceding limitations, or minor variations of the preceding limitations, occur in each of the independent claims. When the preceding limitations are combined with the rest of the claim limitations recited independent claims 1, 54, 61, 66, and 67, the result is a combination of elements that is both novel and non-obvious over the prior art of record.

3. Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick A. Darno whose telephone number is (571) 272-0788. The examiner can normally be reached on Monday - Friday, 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ali can be reached on (571)-272-4105. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

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more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Patrick A. Darno/
Examiner, Art Unit 2158
09-22-201

/Mohammad Ali/

Supervisory Patent Examiner, Art Unit 2158